

California Ag Mechanics Tool ID List

Group	Category	Tool #	Tool Name	Group	Category	Tool #	Tool Name
<u>Common Tools</u>						125	Speed Handle
	<u>Axes</u>					123	Slide Bar Handle
		2	Hand Axe			117	Extension Bar
		4	Single Bit Axe			121	Ratchet Handle
		1	Double Bit Axe			118	Flex Handle
	<u>Pliers</u>					128	Universal Joint
		83	Water Pump Pliers			124	Socket Adaptor
		82	Slip Joint Combination Plier			113	Chain Wrench
		80	Diagonal Cutting Pliers			628	Strap Wrench
		81	Fence Pliers			111	Hex Key
		84	Locking Pliers			110	Adjustable Wrench
	<u>Punches</u>			<u>Bars</u>			
		88	Pin Punch			9	Ripping Bar
		86	Drift Punch			8	Flat Pry Bar
		90	Leather Punch			5	Crow Bar
		89	Prick Punch			7	Pry or Fitting Bar
		627	Hole Punch	<u>Brushes</u>			
		85	Center Punch			27	Parts Brush
	<u>Screwdrivers</u>					25	Bench Brush
		105	Torx Head Screwdriver			28	Push Broom
		104	Stubby Screwdriver			29	Wire Brush
		103	Square Recess Screwdriver	<u>Vises</u>			
		102	Slotted Screwdriver			107	Machinist's Vise
		101	Screwdriver Bit			109	Woodworker's Vise
		100	Phillips Screwdriver			106	Drill Press Vise
		99	Offset Screwdriver	<u>Clamps</u>			
		98	Nut Driver			643	Pipe Clamp
		97	Clutch Driver			35	Bar Clamp
	<u>Wrenches</u>					41	Locking Welding Clamp
		114	Combination End Wrench			40	"C" Clamp Locking Pliers
		126	Tubing Wrench			39	Strap Clamp
		120	Open End Wrench			38	Spring Clamp
		112	Box End Wrench			36	Corner Clamp
		127	Twelve Point Socket			34	"C" Clamp
		122	Six Point Socket	<u>Shovels, Rakes, Picks, and Posthole Diggers</u>			
		119	Flex Socket			324	Scoop Shovel
		115	Deep Socket			323	Round Point Shovel
		116	Eight Point Socket				

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		326	Square Point Shovel				
		322	Irrigating Shovel				
		319	Bow Rake				
		309	Clay Picks				
		310	Cutter Mattocks				
		311	Pick Mattocks				
		317	Posthole Auger				
		318	Posthole Digger				

Miscellaneous

- 71 Safety Goggles
- 626 Safety Glasses
- 625 Face Shield
- 514 Chain Saw
- 517 Air Compressor
- 530 Rotary Hammer
- 327 Contractors Wheelbarrow
- 70 Hog Ringer
- 68 Bolt Cutter
- 67 Anvil
- 520 Electric Drill
- 677 Hammer Drill
- 73 Hammer Tacker
- 532 Power Screwdriver
- 74 Staple Gun

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Measuring, Layout, and Surveying

381 Rod Target

361 Hand Level

Measuring And Marking
Tools

- 505 Micrometer
- 503 Fractional Vernier Caliper
- 500 Dial Caliper
- 360 Fiberglass Tape
- 372 Steel Tape
- 364 Measuring Wheel
- 373 Try Square
- 356 Framing Square
- 367 Rafter Square
- 358 Combination Square
- 370 Sliding "T" Bevel
- 499 Depth Gauge
- 504 Inside Calipers
- 506 Outside Calipers
- 362 Line Level
- 355 Carpenter's Level
- 359 Dividers
- 366 Protractor
- 502 Feeler Gauge
- 365 Plumb Bob
- 363 Marking Gauge
- 357 Chalk Line
- 371 Soapstone
- 368 Scratch Awl
- 369 Scribe

Surveying Tools

- 375 Builder's Level
- 374 Direct Elevation Rod
- 376 Global Position System Rec
- 377 Laser Level
- 380 Range pole
- 378 Laser Level Receiver
- 379 Philadelphia Rod
- 385 Transit
- 384 Surveyor's Arrows
- 383 Surveyor's Steel Tape
- 382 Surveying Tripod

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<u>Fasteners</u>						224	Duplex-Head Nail
	<u>Bolts</u>					221	Box Nail
		216	Toggle Bolt			223	Common Nail
		215	Machine Screw			225	Finish Nail
		213	Plow Bolt			227	Galvanized Nail
		212	Machine Bolt			231	Spiral Shank Nails
		211	Lag Bolt			232	Wire Brad
		206	Carriage Bolt			222	Cement Coated Nails
		205	Cap Screw			220	Blue Plaster Board Nail
		207	Eye Bolt			219	Aluminum Roofing Nails
		209	Grade 2 Bolt			230	Lead-Head Nails
		210	Grade 5 Bolt			229	Galvanized Shingle Nail
		208	Grade 8 Bolt			228	Galvanized Roofing Nail
						226	Furring Nail
	<u>Nuts</u>					<u>Miscellaneous Fasteners</u>	
		234	Hex Nut			217	Corrugated Fastener
		238	Wing Nut			218	Cotter Pin
		237	Square Nut			<u>Rivets</u>	
		235	Self-Locking Nut			242	Soft Iron Rivet
		233	Castellated Hex Nut			239	Pop Rivet
		656	Cap Nut			240	Pop Rivet Tool
		236	Slotted Hex Nut			241	Rivet Set
	<u>Washers</u>						
		256	Finishing Washer				
		259	Malleable Iron Washer				
		257	Flat Washer				
		255	Fender Washers				
		258	Lock Washer				
	<u>Screws</u>						
		251	Set Screw				
		252	Sheet Metal Screws				
		248	Screw Eye				
		253	Torx Head Screws				
		250	Self Tapping Screws				
		249	Self Drilling Screws				
		244	Drywall Screws				
		214	Screw Hook				
		632	Deck Screws				
		247	Wood Screws				
	<u>Nails</u>						

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Hardware

Hinges

290 Gate Latch
292 Strap Hinge
291 Hinge Hasp
288 Butt Hinge
286 "T" Hinge
287 Barrel Bolt
289 Continuous Hinge

Fencing And Supplies

276 Nail On Electric Fence Insul
284 Wire Stretcher
283 Wire Grip
282 Welded Wire Fence
281 T-Post Insulator
280 Steel Fence Posts
279 Fence Staple
277 Poultry Wire Netting
285 Woven Wire Fencing
275 Electric Fence Gate Handle
274 Chain Link Fencing
273 Come-A-Long
272 Barbed Wire
633 T Post
75 Turn Buckle
278 Smooth Galvanized Wire

Springs

300 Compression Spring
301 Tension Spring
302 Torsion Spring

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Rope and Chain

Chains, Lashing Straps, and Accessories

265 Proof Coil Chain
267 Sash Chain
270 Twist Link Chain
271 Double Loop Chain
266 Repair Link
264 Load or Chain Binder
268 Slip Hook
262 Grab Hook
269 Swivel
261 Clevis or Shackle
654 Winch
263 Lashing Strap
260 Chain Hoist

Rope

297 Rope Thimble
298 Wire Rope
296 Twisted Polypropylene Rope
295 Nylon Rope
294 Manila Rope
293 Cotton Rope
299 Wire Rope Clamps

Knots, Hitches, and Splices

651 Eye Splice
649 Sheet Bend
648 Square Knot
650 Bowline
652 Clove Hitch
653 Trucker's Hitch

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Metal Working

Metals

685	Bronze
336	Copper
332	Brass
330	Aluminum
333	Cast Iron
340	Galvanized Steel
635	Stainless Steel
342	Hot Rolled Steel
335	Cold Rolled Steel
684	Sheet Metal
347	Tool Steel
331	Angle Iron
344	Square Tubing
683	Plate
634	Rectangular Tubing
334	Channel Iron
337	Diamond Plate
345	Square Bar
338	Expanded Metal
339	Flat Bar
346	Strip Iron
341	H Beam
343	I Beam

Boring Tools (Metal)

22	Straight Shank Twist Drill
20	Reduced Shank Drills
23	Tapered Shank Twist Drill
15	Drill Drift
510	Taper Reamer
18	Morse Taper Sleeve
12	Chuck
13	Chuck Key
14	Countersink

Chisels

620	Diamond Chisel
621	Cape Chisel
31	Cold Chisel
32	Round Nose Chisel

Hammers (Metal)

60	Engineer's Hammer
55	Ball Peen Hammer
56	Blacksmith's Hammer
59	Dead Blow Hammer
61	Hand Drilling Hammer
66	Tinner's Hammer
63	Sledge Hammer

Files, Threading, and Cutting Tools

48	Metal File
49	"T" Tap Wrench
710	Tap Wrench
43	File Card
46	SAE Tap
52	USS Tap
452	Bottoming Tap
463	Plug Tap
468	Taper Tap
45	SAE Dies
51	USS Die
42	Die Stock
93	Hack Saw
72	Screw Extractor
53	Whet Stone
44	Round File
47	Single Cut File

Sheet Metal Tools

537	Flat Leg Pattern Dividers
538	Sheet Metal Layout Rule
541	Wing Dividers
534	Shear
535	Adjustable Trammel Points
539	Tin Snip
536	Aviation Snips

Power and Stationary Tools

547	Bench Grinder
545	Hydraulic Shear
548	Sheet Metal Shear

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		543	Brake				
		519	Angle Grinder				
		518	Cut Off Saw				

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Woodworking

Wood

691 Pine
353 Pressure Treated Lumber
352 Plywood
351 Particle Board
350 Oriented Strand Board (OSB)
348 Cedar
410 Douglass Fir
354 Redwood
658 Oak
659 Birch

Hammers (Wood)

65 Tack Hammer
64 Straight Claw Hammer
58 Curved Claw Hammer
62 Mallet
3 Shingler's Hatchet

Saws And Accessories

91 Back Saw
94 Hand Cross Cut Saw
95 Hand Rip Saw
96 Keyhole or Compass Saw
92 Coping Saw

Power Tools

512 Belt Sander
77 Jack Plane
515 Circular Saw
78 Smooth Plane
521 Finishing Sander
76 Block Plane
531 Router
516 Circular Saw Blade
525 Jig Saw
526 Power Miter Saw
527 Nail Gun
528 Planer
529 Reciprocating Saw
660 Disc Sander

Boring Tools (Wood)

661 Forstner Bit
17 Hole Saw
10 Auger Bit
19 Spade Bit
16 Expansive Bit

Woodworking Tools

642 Surform Tool
87 Nail Set
37 Hand Screw Clamp
619 Cat's Paw
33 Wood Chisel
54 Wood Rasp
6 Nail Puller

Construction

647 Utility Knife
646 Drywall Trowel
645 Drywall Saw

Stationary Power Tools

544 Drill Press
542 Band Saw
546 Radial Arm Saw
549 Table Saw

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Concrete

Concrete Tools And Supplies

686 Portland Cement
688 Sand
689 Gravel
690 Concrete
687 Mortar
142 Sponge Rubber Float
577 Bull Float
137 Hand Float
133 Corner Trowel
134 Finishing Trowel
135 Fresno Trowel
131 Concrete Edger
136 Groover
132 Concrete Tamper
139 Mortar Hoe
140 Mud Pan
138 Hawks
21 Star Drill
11 Masonry Bit
57 Brick Layer's Hammer
30 Brick Chisel
129 Brick Jointer
130 Brick Trowel
141 Reinforcing Bar

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Plumbing Tools And Supplies

Plumbing Tools and Supplies

- 466 PVC Pipe Cutter
- 458 Pipe or Burring Reamer
- 453 Flaring Tool
- 454 Pipe Cutter
- 469 Teflon Tape
- 455 Pipe Die
- 456 Pipe Die Stock
- 471 Copper Fitting Brush
- 713 Copper Tube Cleaning Brus
- 459 Pipe Tap
- 712 ABS Cement
- 460 Pipe Vise
- 461 Pipe Wrench
- 465 Propane Torch
- 467 Solid Solder
- 451 Acid Brush
- 475 PVC Glue
- 470 Tubing Cutter
- 668 PEX Crimp Tool
- 665 PEX Cinch Tool

PVC Pipe And Fittings

- 640 PVC Primer
- 486 SxT Street Ell.
- 482 SxSxS Tee
- 485 SxT Reducer Bushing
- 484 SxT Elbow
- 476 PVC Pipe
- 480 SxS Reducer Bushing
- 477 S Cap
- 478 SxS Coupling
- 479 SxS Elbow
- 481 SxS Street Ell
- 472 Compression Coupling
- 474 Male Adaptor
- 473 Female Adaptor
- 483 SxSxT Tee
- 487 Threaded Cap

PEX Pipe And Fittings

- 673 PEX Pipe
- 672 PEX Pinch Clamp
- 667 PEX Crimp Ring
- 666 PEX Coupling
- 675 PEX Tee
- 669 PEX Elbow
- 670 PEX Female Adapter
- 671 PEX Male Adapter
- 674 PEX Stubout

Copper Pipe and Fittings

- 637 Copper Pipe
- 638 Copper Tubing
- 662 CxC Street Ell
- 424 CxC Union
- 698 Paste Flux
- 420 C Cap
- 421 CxC Coupling
- 422 CxC Elbow
- 427 CxT Adaptor or Male Adapt
- 423 CxC Reducing Coupling
- 425 CxCxC Tee
- 426 CxCxC Tee
- 428 CxT Female Adapter

Steel Pipe and Fittings

- 433 90 Degree Elbow
- 440 Floor Flange
- 441 Galvanized Pipe
- 442 Union
- 438 Coupling
- 432 45 Degree Elbow
- 445 Nipple
- 435 Bushing
- 434 Black Pipe
- 439 Cross
- 447 Pipe Plug
- 448 Bell Reducer
- 449 Street Ell
- 450 Tee
- 437 Close Nipple

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436 Cap

446 Pipe Clamp

ABS Pipe and Fittings

663 ABS Pipe

412 Long Sweep 1/4 Bend Hub

409 Double Wye Hub

419 Wye Hub

414 Male Adaptor-Hub X Male Pi

411 Female Adaptor-Hub X Fem

406 Adaptor-Spigot X Female Pi

416 P Trap Hub With Union

Valves

443 Hose Bib

492 Globe Valve

491 Gate Valve

489 Check Valve

488 Ball Valve

490 Cock Valve

Misc Plumbing

430 Drain Auger

457 Pipe Joint Compound

464 Plumbers Tape

444 Hose Clamp

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Electrical

631 Service Entrance Panel (SE)

Electrical Tools

202 Voltage Tester
657 Continuity Tester
199 Multi-Tester or Volt-Ohm Me
203 Wire Stripper
195 Lineman's Pliers
644 NM Cable Cutter
189 Conduit Bender
200 Non-Metallic Cable Ripper
198 Long Nose Pliers
204 Wire Stripper And Crimping
193 Fuse Puller
194 Knockout Punch
192 Fish Tape
190 Hickey
191 Electric Soldering Iron
201 Soldering Gun

Electrical Supplies

143 Armored Cable
162 Knife Fuse
145 Circuit Breaker
188 Wire Nut
181 Solderless Connector
156 Ground Rod
155 Friction Tape
167 Plastic Tape
157 Ground Rod Clamp
178 Electric Cord
146 Conduit Straps
144 Cartridge Fuse
160 Insulated Staple
148 Core Solder
182 Conduit Drive Strap
630 Non-metallic Cable Staples
164 Non-Metallic Clamp
187 UF Cable
184 Single Conductor
163 Non-Metallic Cable
179 Rubber Tape

EMT & Flex Conduit

154 Flexible Conduit
153 Electrical Metallic Tubing
152 EMT Sweep
151 EMT Coupling
150 EMT Connector

Rigid Conduit

175 Ridged Coupling
177 Ridged Entrance Ell
174 Ridged Conduit
176 Ridged Elbow or Sweep
173 Raintite Hub
180 Service Entrance Cap

PCV Conduit

168 PVC Conduit
169 PVC Conduit Coupling
170 PVC Elbow or Sweep
171 PVC Conduit Male Adaptor
172 PVC Pull Elbow

Boxes and Devices

158 Cord Cap
159 Cord Connectors
147 Lampholder
149 Duplex Receptacle
183 Switch Box
679 Plastic Box
161 Junction Box
682 Box Cover
681 Surface Cover
680 Plaster Ring
186 Toggle Switch
185 Three-Way Toggle Switch
678 4 way switch

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Power Mechanics

Power Mechanics Tools

524 Impact Wrenches
498 Compression Gauge
79 Battery Pliers
507 Power Timing Light
508 Spark Plug Gauge Set
629 Retaining Ring Pliers
511 Torque Wrench
509 Tachometer
501 Expansion or Adjustable Re

Grease Guns And

493 Air Pressure Type Grease G
496 Lever Type Grease Gun
497 Zerk Grease Fitting

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Welding

Arc Welding Tools

550 Arc Welder Power Supply
711 GMAW Welder
559 Plasma Cutter
564 Welding Helmet
558 Leather Gloves
552 Electrode Holder
555 Ground Clamp
556 GTAW Torch
554 MIG Gun
553 Gas Flow Regulator
560 Chipping Hammer

Arc Welding Electrodes

563 Tungsten Electrode
562 Tubular Wire Electrode
561 Solid Welding Wire Electrode
551 SMAW Electrode
557 Hard Facing Electrode

Oxyacetylene Welding Tools

641 Heating Tip
568 Copper Coated Mild Steel
569 Cutting Tip
572 Oxygen Regulator
573 Tip Cleaner
574 Torch Handle
575 Welding Goggles
576 Welding Tip
570 Cutting Torch
566 Acetylene Regulator
571 Flux Coated Brazing Rod
567 Brazing Rod

Other Welding Equipment

565 Spot Welder

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Painting

Painting And Glazing Equipment

636	Non-woven Abrasive Pads
26	Paint Brush
394	Masking Tape
395	Mixing Paddle
386	Airless Paint Sprayer
387	Caulking Gun
388	Drop Cloth
389	Dust Mask
390	Filter
391	Glass Cutter
393	High Volume Low Pressure
405	Steel Wool
397	Paint Roller And Pan
399	Putty Knife
402	Respirator
403	Sandpaper
404	Spray Gun
392	Glazier Points

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