



AGRICULTURAL MECHANIZATION DEVELOPMENT PROGRAM

**Institute of Agricultural Engineering
College of Engineering and Agro-Industrial Technology
University of the Philippines Los Baños
College, Laguna, Philippines**

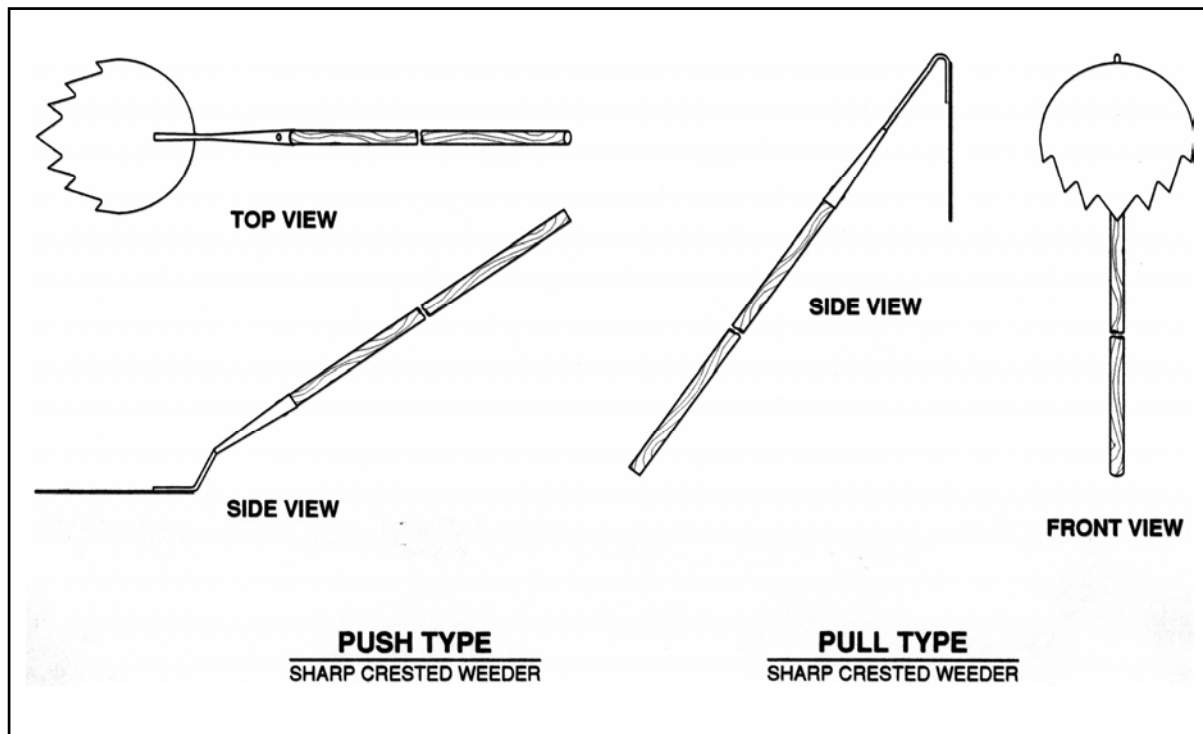
AMDP SHARP-CRESTED MANUAL WEEDER



For more information, contact:

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FEATURES:

- Light and simple in construction
- Inexpensive
- Constructed from locally available materials
- Can be made to work very close to plants

SPECIFICATIONS:

| | | |
|--------------------|---------------------------------------|-----------------------------|
| Field capacity: | Push-type | 70 to 72 man-hr per hectare |
| | Pull-type | 65 to 67 man-hr per hectare |
| Construction: | Steel cutting piece and wooden handle | |
| Weight | 1.5 kg | |
| Length | Push type: | 158 cm |
| | Pull-type: | 147 cm |
| Width: | 18.6 cm | |
| Labor requirement: | One person | |

METHOD OF OPERATION:

For pull-type version, the serrated cutting piece is placed flat on the ground. Handle is then pulled while maintaining cutting piece flat on the ground with serrated part cutting through and under weeds. For push-type version, same position prior to weeding is followed. The implement then would be pushed with serrated part cutting through and under weeds. Weeding with the use of this implement is most effective for weeds at 2 to 3 leaf stage or when weeding is done 4 to 7 days after planting. With the light weight of the implement it can be made to work as close to plants as possible.