

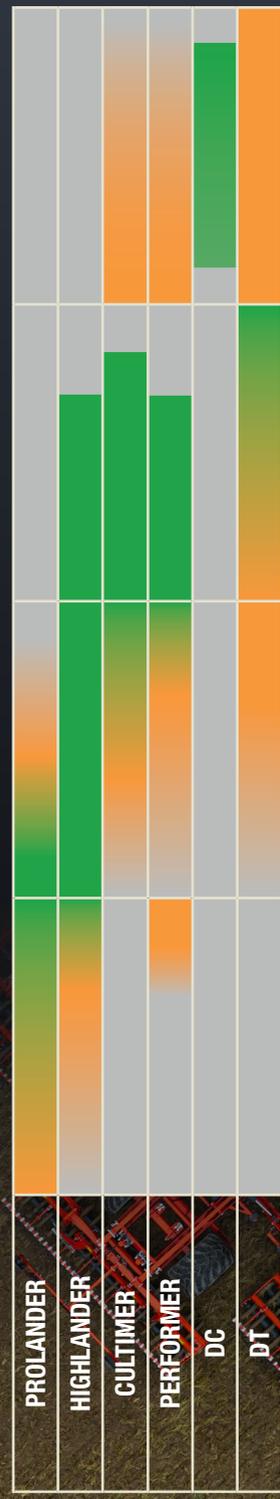


SEEDBED PREPARATION  
Size of the clods

STUBBLE CULTIVATION  
Type

PLOUGHING CULTIVATION  
Working depth

CRACKING  
Working depth



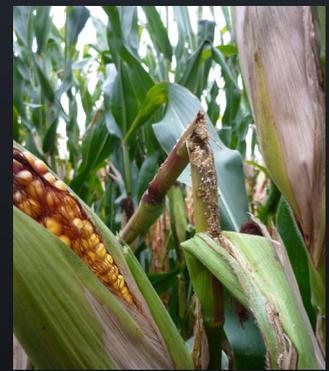
Very suitable  
Suitable  
Unsuitable

## TINE MACHINES AND AGRONOMY



### Weed management

Stubble cultivation promotes the germination of weeds, which can then be destroyed, thereby reducing their presence before the next crop.



### Pest and disease control

By burying residues, stubble cultivation disrupts pests (e.g. corn borer) and limits fungal diseases, improving soil hygiene.



### Improving soil structure and life

Stubble cultivation :

- Aerates the soil,
- Stimulates biological activity,
- Enriches the soil with organic matter, preparing a good seedbed.



# TINE CULTIVATOR RANGE

SCALPING - MIXING - REFINING - STRUCTURING



be strong, be **KUHN**

Information given in this document is only for information purposes and is non-contractual. Our machines are in compliance with regulations in force in the country of delivery. When operating these machines, these devices must be in position in accordance with the requirements indicated in the operator's manuals and assembly manuals. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

To protect the environment, this leaflet is printed on chlorine-free paper.  
Printed in France - 09.25 - Copyright 2025 KUHN





|   | <b>PROLANDER</b><br><i>Shallow cultivator</i> | <b>HIGHLANDER</b><br><i>Stubble cultivator</i> | <b>CULTIMER</b><br><i>Deep stubble cultivator</i> | <b>PERFORMER</b><br><i>Combined cultivator</i> | <b>DC</b><br><i>Soil loosener</i> | <b>DT</b><br><i>Subsoiler</i> |               |  |               |  |               |  |
|---|---|--|---|--|-----------------------------------|-------------------------------|---------------|--|---------------|--|---------------|--|
|   | from 4 to 14 m                                |  | from 6 to 7.6 m                                   |  | from 3 to 6 m                     |                               | from 3 to 7 m |  | from 3 to 4 m |  | from 3 to 4 m |  |
| Number of rows  | 5   | 4  | 3   | 4  | 1                                 | 2                             |               |  |               |  |               |  |
| Tine spacing  | 15.5 cm                                       | 20.8 cm  | 28 cm   | 28 cm  | 75 cm                             | 42 cm                         |               |  |               |  |               |  |
| Maximal pressure at the tine (non-stop - traction bolt) | 180 kg - X                                    | 350 kg - X                                     | 600 kg - 3000 kg                                  | 900 kg - X                                     | X - 4700 kg                       | 1670 kg - 4368 kg             |               |  |               |  |               |  |
| Working capacity (non-stop - traction bolt)             | 1200 kg/m - X                                 | 1700 kg/m - X                                  | 2100 kg/m - 10714 kg/m                            | 3200 kg/m - X                                  | X - 6200 kg/m                     | 4000 kg/m - 10400 kg/m        |               |  |               |  |               |  |
| Working depth in cm                                     | 3 to 12 cm                                    | 3 to 20 cm                                     | 7 to 35 cm  | 7 to 35 cm                                     | 15 to 35 cm                       | 15 to 60 cm                   |               |  |               |  |               |  |
| Soil preparation  | +++   | ++   | -   | +  | -                                 | -                             |               |  |               |  |               |  |
| Tillage   | +   | +++  | ++  | ++   | -                                 | +                             |               |  |               |  |               |  |
| Deep cultivation  | -   | ++   | +++   | +++  | -                                 | +++                           |               |  |               |  |               |  |
| Soil loosening  | -   | -  | +   | +  | +++                               | ++                            |               |  |               |  |               |  |
| Residue volume  | +   | ++   | ++  | +++  | +                                 | +                             |               |  |               |  |               |  |

