



Main line is not included in the basic proposal
 All main line fittings are included.
 Main line is consisted of ~ 300 m of 63 mm HD PE pipe, Or PVC glue pipe.
 This pipe is intended for local purchasing

DIY Dripkit, Drip Irrigation for field crops
[Click here for ordering](#)

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| Kit coverage: | Program: | PUMP calculations |
| Crop: Vegetables, Flowers and other field crops | 1.0 l/h dripper each 0.4 m | Needed pressure lot entrance 10.0 m |
| Total Dripline length 12000 m | Distance between driplines 1.0 to 1.8 m | Local head losses 2.5 m |
| Covered Area 2.0 Ha. ≈ 20,000 M2 | Dripping rate 2.5 to 1.4 mm/h | Filtration unit 7.0 m |
| Distance between crop rows 1.0 to 1.8 m | Irrigation Shifts: 2 (only 2 valves in each main line per shift, Total of 4 valves in all field) | Optional fertigation 4.5 m = 3.0 bar |
| | Irrigation time per shift: 1.5 to 2.5 hours per day | Needed pressure at pump outlet 30 m = 3.0 bar |
| | Flow rate per Shift: 3.8 x 4 = 15.2 M3/H = 70 GPM | Topography |
| | Filtration: 140 mesh 2" Disc Filter | |
| | Needed pressure at the end of pump 3.0 Bar (30 m) 43 PSI | |