

# JUNAID BASHIR

junaid.khera@gmail.com | +92 (0) 333-7643926 | Karachi, Pakistan

linkedin.com/in/junaid-bashir-36286b20

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## AGRICULTURE & ENTOMOLOGY | IPM & SMART FARMING CONSULTING

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Agriculture & Entomology Specialist with 15+ years of proven success in advancing sustainable farming across Pakistan. Recognized for pioneering tunnel farming models that enable off-season crop cultivation and significantly boost farmer income. Expert in Integrated Pest Management (IPM), climate-smart technologies, and solar-powered agri-solutions. Skilled in designing customized crop protection strategies, training farming communities, and optimizing agri-business operations for long-term growth.

### CORE COMPETENCIES

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- Tunnel Farming Implementation & Strategy
- Integrated Pest & Disease Management (IPM)
- Agri-Business Planning & Training Programs
- Climate-Smart Agriculture & Water Efficiency
- Greenhouse & Solar Infrastructure Consulting
- Organic & Smart Irrigation Systems
- Fertilizer & Crop Rotation Protocols
- Farmer Engagement & Demonstration Projects
- Budgeting, Yield Forecasting & Resource Planning
- Expo & Agri-Tech Adoption Advocacy

### PROFESSIONAL EXPERIENCE

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#### CEO | Green Gold Agricultural Consultancy Services

Karachi | May 2012 - Present

- Founded and scaled a consulting firm supporting over 100+ farmers with vegetable seed marketing, fertilizer strategy, and tunnel infrastructure.
- Directed implementation of solar-powered irrigation systems, reducing water costs by 30% on average.
- Delivered 25+ training sessions on organic farming, compost production, and greenhouse management.
- Advised on farm diversification strategies that resulted in 40% increase in client profitability.

#### Freelance Agricultural Consultant | Self-Employed

Pakistan | Jan 2013 - Present

- Developed tailored pest and fertilizer schedules for cotton, vegetable, and fruit farmers in high-risk zones.
- Led tunnel farming programs producing off-season strawberries, boosting yields by up to 45%.
- Assisted agri-entrepreneurs in showcasing products at expos and integrating agri-tech tools.

#### Farm Manager (Tunnel Farming) | Army Welfare Trust

Lahore | Mar 2011 - Jun 2012

- Managed procurement and production for large-scale tunnel farms (10+ acres).
- Oversaw the cultivation of cucumbers, hot/sweet peppers, strawberries, and floriculture varieties.
- Created sales and logistics plans for domestic and export distribution.

#### Territory Manager | Jaffer Agro Services

Kot Addu | Jan 2010 - Apr 2011

- Expanded dealer networks for agrochemical products across 4 major districts.
- Hosted 15+ field demos and training events educating farmers on pest control innovations.
- Ensured consistent inventory across dealer outlets while reporting regional insights.

### EDUCATION

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- MPhil, Agriculture Entomology - University of Agriculture, Faisalabad (2008 - 2010)
- M.Ed, Elementary Education - Allama Iqbal Open University (2017 - 2018)
- B.Ed, Education - University of Education, Lahore (2015 - 2016)
- B.Sc. (Hons), Agriculture Entomology - University of Agriculture, Faisalabad (2004 - 2008)

### TECHNICAL & PRACTICAL SKILLS

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- Climate-Resilient Crop Planning
- Pest & Disease Diagnostics
- Tunnel Infrastructure Development
- Solar-Powered Agri-Tech
- Agri-Business Budgeting

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- Farmer Training Workshops
- Compost & Bio-Gas Technology
- Greenhouse Management